AMENDMENTS TO THE CLAIMS

Claim 1 (cancelled)

Claim 2 (currently amended): The device for dispensing CO_2 of claim 3[[1]], wherein the filtering element comprises a sponge with a consistency of around 20ppi, the ~~this~~ sponge occupying approximately all the lower half of the dispenser body, in a part opposite the area where the pump is fitted.

Claim 3 (currently amended): The device for dispensing CO_2 of claim 6[[1]], wherein the filtering element comprises any material of any kind and density which is able to retain the microbubbles and allow only the water in which the CO_2 is dissolved to pass through.

Claim 4 (currently amended): ~~The device for dispensing CO_2 of claim 1~~ A device for dispensing CO_2, that is to say carbon or carbon dioxide, which can be fitted in aquariums or containers for holding live fish, the device comprising a dispenser casing or body, wherein the dispenser body is equipped with a mixing chamber into which a flow of water is delivered by a pump and a flow of CO_2 from an infeed duct; the mixing chamber being bordered by at least one filtering element which occupies the lower half of the dispenser body, which can also be closed by a mesh cover, wherein said flow of water delivered by the pump through the inlet duct, placed in a substantially horizontal position inside the mixing chamber, is substantially at right angles to a ~~the~~ CO_2 injector attached to the infeed duct, which is, instead, arranged vertically with the gas delivery zone positioned in correspondence with the water output zone.

Claim 5 (currently amended): The device for dispensing CO_2 of claim 4[[1]], wherein said flow of water delivered by the pump ~~(12)~~ is mixed with the flow of gas delivered by the injector, since the water and gas meet at right angles to each other at the start of the mixing chamber.

Claim 6 (currently amended): ~~The device for dispensing CO_2 of claim 1~~ A device for dispensing CO_2, that is to say carbon or carbon dioxide, which can be fitted in aquariums or containers for holding live fish, the device comprising a dispenser casing or body, wherein the

dispenser body is equipped with a mixing chamber into which a flow of water is delivered by a pump and a flow of CO_2 from an infeed duct; the mixing chamber being bordered by at least one filtering element which occupies the lower half of the dispenser body, which can also be closed by a mesh cover, wherein inside the mixing chamber the pump creates a turbulent movement causing the formation of microbubbles of CO_2, which are retained inside the dispenser by the filtering element ~~sponge~~ and then distributed in the water, mixing perfectly with it.

Claim 7 (currently amended): ~~The device for dispensing CO_2 of claim 1~~ A device for dispensing CO_2, that is to say carbon or carbon dioxide, which can be fitted in aquariums or containers for holding live fish, the device comprising a dispenser casing or body, wherein the dispenser body is equipped with a mixing chamber into which a flow of water is delivered by a pump and a flow of CO_2 from an infeed duct; the mixing chamber being bordered by at least one filtering element which occupies the lower half of the dispenser body, which can also be closed by a mesh cover, wherein said flow created by the pump establishes a continuous cycle of CO_2-poor water ~~(A)~~ which enters the dispenser, and CO_2-rich water ~~(B)~~ which exits from the opposite end through the mesh cover, thus ensuring a uniform concentration of carbon dioxide in the tank.